

**CITY OF MIDLAND - - JOB DESCRIPTION
TRANSPORTATION DIVISION
TRAFFIC SIGNAL SUPERVISOR
TITLE 30394, SUBTITLE 01, NON-EXEMPT
TECHNICAL BAND-Zone 4**



SCOPE OF WORK:

Perform and supervise signal shop personnel in the performance of all signal shop duties. Schedule and manage work assignments and rotating call roster. Oversee implementation of new updates, equipment and procedures.

ESSENTIAL JOB DUTIES:

- ❖ Supervise and evaluate signal shop personnel and job performance.
- ❖ Oversee all signal shop purchases, inventory of supplies, equipment and all traffic signal shop assets.
- ❖ Respond to legal matters and appear in court as required.
- ❖ Create and maintain activity records, work orders, reports, trouble calls, and work schedules.
- ❖ Monitor and adjust signal effectiveness, signal sequencing and phasing scenarios to improve traffic flow through use of computers and various traffic optimization software programs.
- ❖ Install, maintain, and remove electrical traffic control devices, roadway lighting and associated equipment.
- ❖ Install and maintain conduits, wiring and all associated equipment.
- ❖ Monitor, manage and respond to emergency calls during and after normal working hours.
- ❖ Set up and maintain work zone traffic control as required by the Texas Manual on Uniform Traffic Control Devices.
- ❖ Performs related duties and responsibilities as required.

PHYSICAL AND ENVIRONMENTAL CONDITIONS:

Office and field environments are common with ability to sit, stand and drive a vehicle to and from various worksites. Ability to bend lifts, stoop and work at heights on ladders or other elevating equipment. Exposure to electrical energy, high voltage, computer screens, heat, cold, noise, dust, fumes, and inclement weather conditions.

REQUIRED CONTACTS:

Receives general supervision from higher-level division staff. Effectively communicates with fellow employees, management, court officials and citizens who may inquire regarding work activities.

REQUIRED QUALIFICATIONS:

Knowledge, Abilities, and Skills

Knowledge of: effective management principles, electrical/electronic theory, technical, use of a computerized system for coordinating traffic movement, schematics, site plans, maps, engineering drawings, mathematical principles, Windows based software. Ability to: supervise two or more persons, work with electricity, operate and maintain computerized signal and communication equipment troubleshoot and repair problems regarding electrical traffic control devices, data communication equipment and wiring. Understand and follow oral and written instructions. Skill in effective leadership practices, use of equipment such as trenchers, concrete saws, hand tools, electrical testing equipment, boom trucks, bucket trucks, and various support equipment.

Minimum Education, Experience, and Certification

High school diploma or equivalent with at least 3 years experience in installation, maintenance, and repair of electrical traffic control devices. Required certifications are IMSA Traffic Signal Technician Level 1 & 2, IMSA Work Zone Traffic Control, and IMSA Roadway Lighting Level 1. Valid Texas Class A or B CDL driver's license required, Class A CDL preferred.

Wages and Hours:

\$2754 - \$3506; Monday – Friday; 7:30am – 4:00pm; Rotating On-call